

III. CLAIM AMENDMENTS

1. (Currently Amended) A moisture-resistant floor covering for concrete floors comprising of a plurality of unitary, rigid strong, water-resistant plastic floor tiles which have a solid planar upper surface and means for substantially continuously interlocking with each other to form a water-impervious floor covering over a concrete floor, said tiles having an undersurface, a network or gridwork of integral spaced raised water-resistant studs, legs or wall sections projecting from the undersurface of said tiles for contacting the surface of the concrete floor to provide a uniform thermal continuous, open air gap space network between the undersurface of said tiles and the surface of said concrete floor in areas intermediate said plurality of integral spaced studs, legs or wall sections.

2. (Currently Amended) The covering according to claim 1 in which said water-resistant floor tiles are molded with said studs, legs or wall sections integral therewith and provide said air gap space network therebetween.

3. (Currently Amended) The covering according to claim 1 in which said water-resistant studs, legs or wall sections are integral to a sheet of molded, water-resistant plastic material which is assembled to a backing of the solid planar upper surface to form said water-resistant plastic floor tiles.

4. (Currently Amended) The covering according to claim 1 in which said plastic floor tiles comprise edge means for interlocking with each other when said tiles are abutted.

5. (Currently Amended) The covering according to claim 4 in which said edge means comprise tongue and groove means.

6. (Currently Amended) The covering according to claim 1 in which the plastic floor tiles are molded from acrylonitrile-butadiene-styrene (ABS), polyvinyl chloride, polyethylene, polypropylene or polycarbonate.

7. (Currently Amended) The according to claim 1 having a thickness of 5/16" to 1 1/2".

8. (Currently Amended) The covering according to claim 1 in which said thermal air gap space provides a thermal break between the surface of the concrete floor and the upper surface of the tile.

9. (Currently Amended) The covering according to claim 1 in which the plastic floor tiles are made from an insulation material which resists heat conduction.

10. (Currently Amended) The covering according to claim 1 in which said air gap space network is interconnected and is vented to allow water vapor to escape therefrom at the edges of the floor.

11. (Currently Amended) covering according to claim 1 in which said air gap space is vented by exhausting water vapor therefrom to an exterior location.

12. (Currently Amended) The covering according to claim 1 in which said air gap space is vented by circulating dry air therethrough to displace water vapor therefrom.

13. (Currently Amended) The covering according to claim 1 in which the tiles have an upper surface having a decorative finish.

14. (Currently Amended) The covering according to claim 1 in which the tiles have an upper surface having carpeting preattached thereto.

15. (Currently Amended) The covering according to claim 1 in which the tiles have an upper surface having linoleum preattached thereto.

16. (Currently Amended) The covering according to claim 2 in which the tiles have an upper surface having a decorative finish.

17. (Currently Amended) The covering according to claim 2 in which the tiles have an upper surface having carpeting preattached thereto.

18. (Currently Amended) The covering according to claim 2 in which the tiles have an upper surface having linoleum preattached thereto.